

# January 2004 Safety Meeting Presentation




**SHE Committee  
Chairperson Nominations**

**AND**

**MSFC FY03  
Mishap Summary**

Presented by:  
MSFC Industrial Safety Department  
January, 2004

# Your SHE Committee


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- A faint, light blue illustration of a meeting scene is visible in the background. It shows several people sitting around a large, oval table. One person stands at the head of the table, pointing at a whiteboard on an easel. The scene is depicted in a simple, stylized manner with no facial features or detailed clothing.
- Is led by coworkers that we nominate:
    - Chairperson - Elected civil service employee
    - Deputy Chairperson - Elected civil service or contractor employee
  - Represents and speaks for all of us:
    - Civil service & contractor
    - Employee & supervisor/manager
    - Each directorate or office
  - Monitors MSFC Safety, Health, & Environmental (SHE) performance
  - Assures implementation of SHE policies & programs
  - Guides selection & implementation of improvement targets
  - Interfaces with top-level Center & contractor management
  - Needs to elect new Chairs for April, 2004
  - Is accepting nominations in January & early February

# Effective Candidates

- **Good SHE Committee Chairs are people who:**
  - Care about Safety, Health, & Environmental issues
  - Believe they can make a difference
  - Pursue goals with energy & dedication
  - Understand the Marshall community & work environment
  - Interact well with employees, supervisors, & managers
  - Contribute to team performance, whether team member or lead
  - Do well at planning & coordinating projects
  - Carry through on commitments they make
  - Don't mind speaking out on issues that matter
- **You can nominate onsite employees:**
  - Yourself
  - One or more coworkers
  - Civil servants - Chairperson or Deputy Chair
  - Contractor employees - Deputy Chair only

# Make Your Nominations

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- During January and February, 2004
    - Election will be held in the February 25<sup>th</sup> SHE Committee meeting
    - Elected chairpersons take office in April
  - Submit nominations electronically by February 20 to:
    - Cynthia Behel/ASRI (SHE Committee Ad Hoc Elections Subcommittee)
    - Watch *Inside Marshall* for details
  - Candidates must formally agree to serve a 1-year term
  - Current SHE Committee will elect new chairpersons from nominees
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# Shape Your SHE Program



*Nominate  
Coworkers  
for*

**SHE Committee**

**Chairperson and Deputy Chairperson**

A teal-colored silhouette illustration of a person in a dynamic, off-balance pose, appearing to be falling or stumbling over a four-wheeled office chair. The person's body is arched, with one leg extended forward and the other bent. The chair is tilted, suggesting it has been knocked over. The background is plain white.

# **MSFC FY03 Mishap Summary**

# Lost Time Incident Rate (LTIR)

## What is a Lost Time Incident?

- Injury that causes any loss of time away from work beyond day or shift it occurred
- Illness that causes any loss of time away from work or disability at any time
  - Lost Time Rate
    - Normalized calculation - rate for 100 persons working for 1-year period (200,000 hours)
    - 0.20 lost time rate equivalent to 2.0 lost time cases for 1000 employees working over 1-year period

$$\text{LTIR} = \frac{\text{No. of Lost Times Cases} \times 200,000}{\text{Total Hours Worked}}$$

# Lost Time Mishaps: Rate of Occurrence



## Benchmark Rates

- DuPont = 0.06
- JSC Team = 0.30
- 2001\* National Average for Engineering and Management = 0.50

\*Most recent data available

- Lost Time Mishap: injury requiring days away from work for treatment & recovery
- MSFC Goal for FY03 = 0.15 Frequency Rate
- MSFC Performance (combined civil service and contractor) for FY03 = 0.23 Frequency Rate
- More Lost Time injuries in FY03 than in FY02, but fewer than in FY01
- MSFC performance better than national average, but we didn't meet our FY03 goal



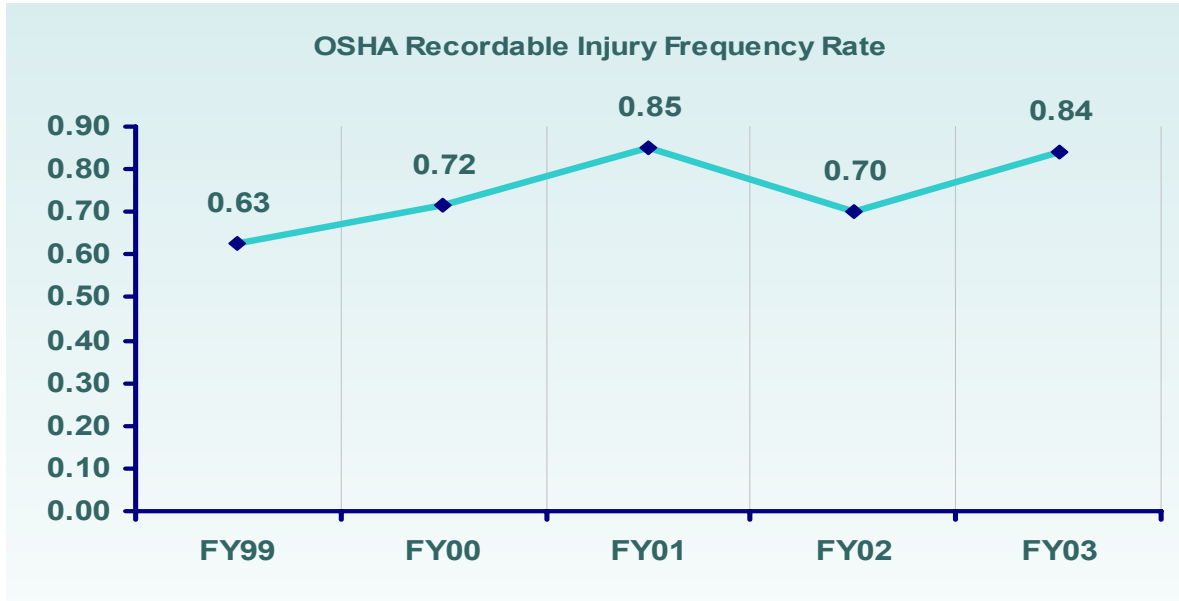
# OSHA Recordable Rate

What is an OSHA Recordable? Examples include:

- Death, illness, needlestick, hearing loss, or,
- Injury involving medical treatment beyond first aid, loss of consciousness, restriction of work or motion, or transfer to another job
  
- OSHA Recordable Rate
  - Normalized calculation - rate for 100 persons working for 1-year period (200,000 hours)
    - 0.76 rate equivalent to 7.6 OSHA Recordable cases for 1000 employees working over 1-year period

$$\text{Rate} = \frac{\text{No. of OSHA Recordables} \times 200,000}{\text{Total Hours Worked}}$$

# OSHA Recordable Injuries: Rate of Occurrence



## Benchmark Rates

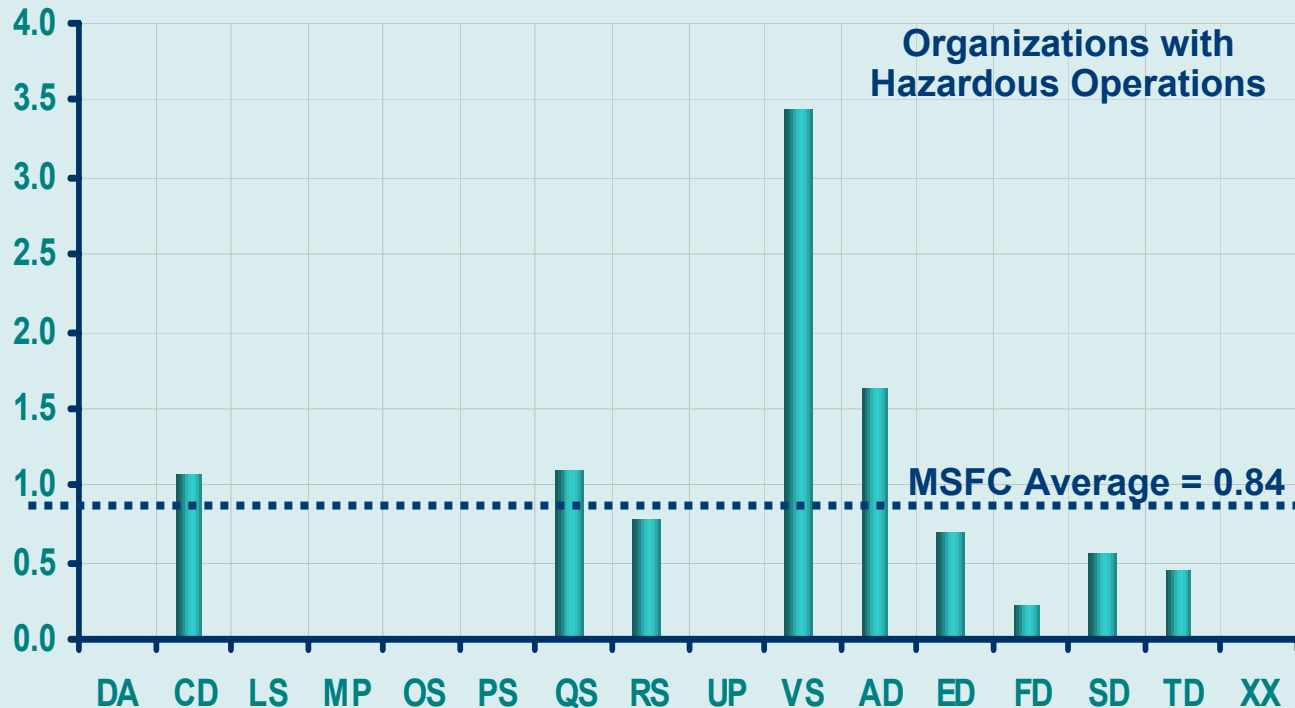
- DuPont = 0.50
- JSC Team = 0.60
- 2001\* National Average for Engineering and Management = 1.60

\*Most recent data available

- OSHA Recordable Injury: injury requires medical treatment beyond first aid, but no days away from work
- MSFC Performance for FY03 = 0.84 Frequency Rate
- FY03 rate is higher than in FY02, but slightly lower than in FY01
- MSFC performance about half of the national average

# OSHA Recordable Injuries: Rate of Occurrence by Organization

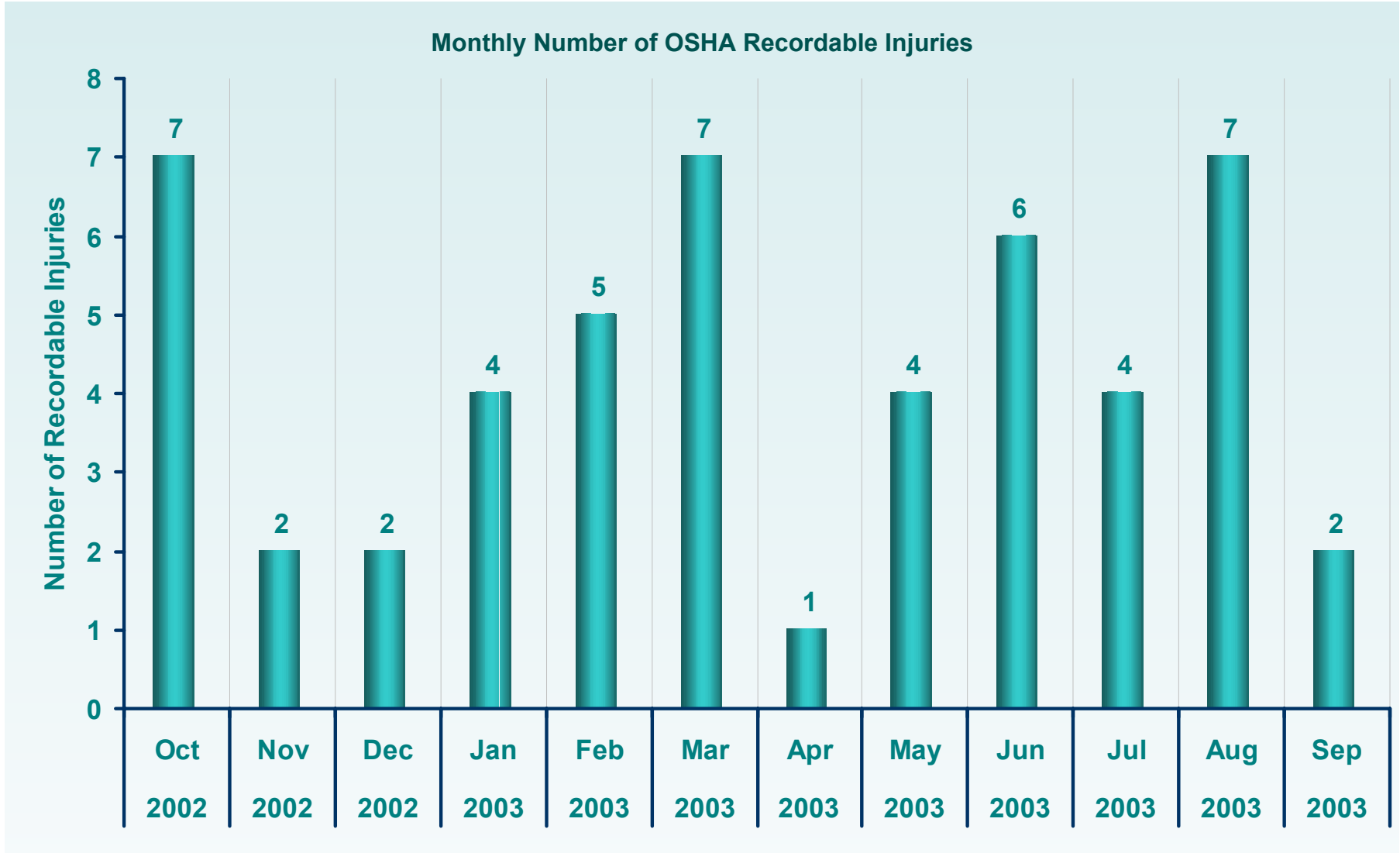
OSHA Recordable Injury Frequency Rate, By Organization



| ORG | EXPOSURE HOURS* |
|-----|-----------------|
| DA  | 25,237          |
| CD  | 565,639         |
| LS  | 23,859          |
| MP  | 463,131         |
| OS  | 9,738           |
| PS  | 262,543         |
| QS  | 368,989         |
| RS  | 261,501         |
| UP  | 265,094         |
| VS  | 58,591          |
| AD  | 3,720,882       |
| ED  | 2,343,513       |
| FD  | 2,109,301       |
| SD  | 751,372         |
| TD  | 939,721         |
| XX  | 104,408         |

- Exposure Hours: number of hours worked (exposed to potential for accident to occur)
- Rates are heavily influenced by the number of exposure hours: the lower the number of exposure hours, the higher the rate value will be for a single injury

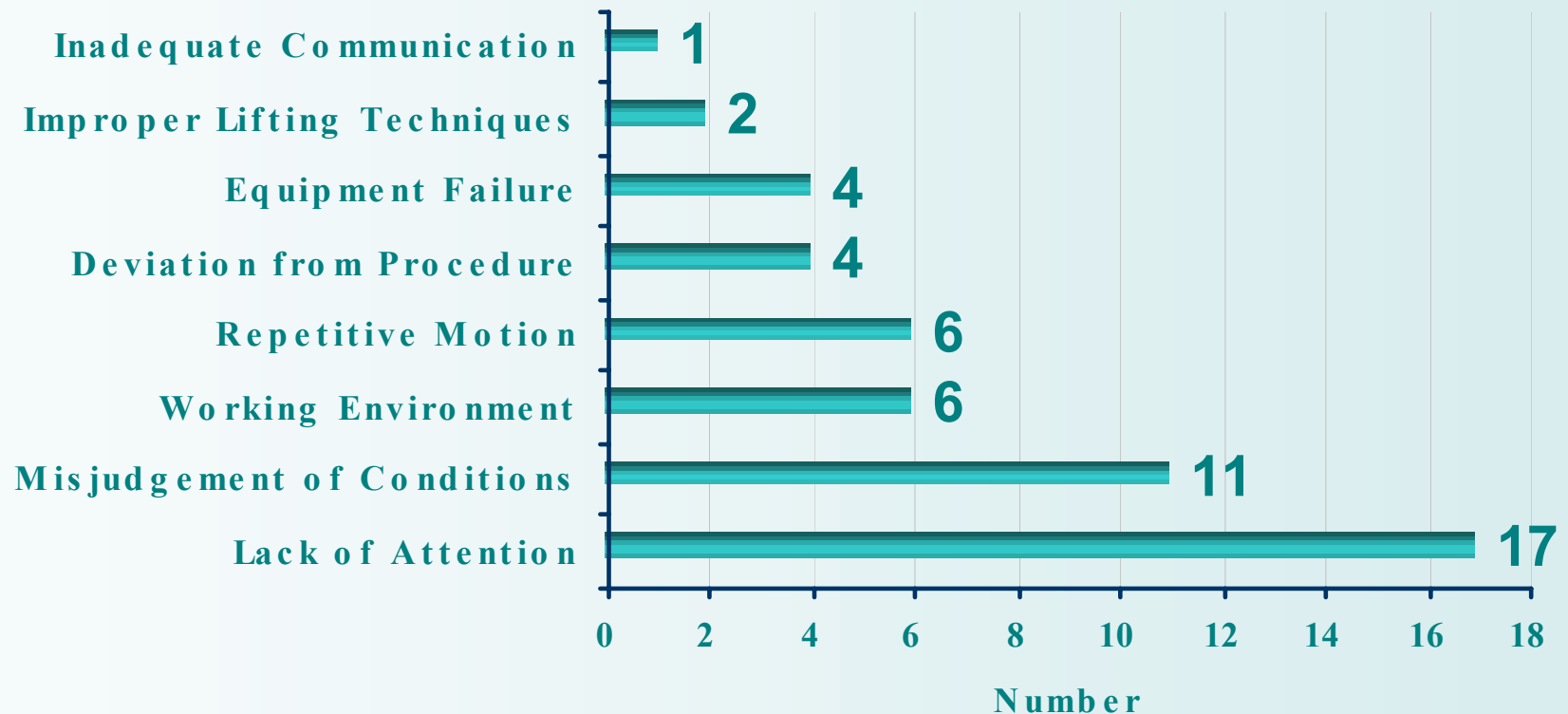
# OSHA Recordable Injuries: Number Per Month



- Total number of FY03 OSHA Recordable Injuries = 51

# Causes of OSHA Recordable Injuries

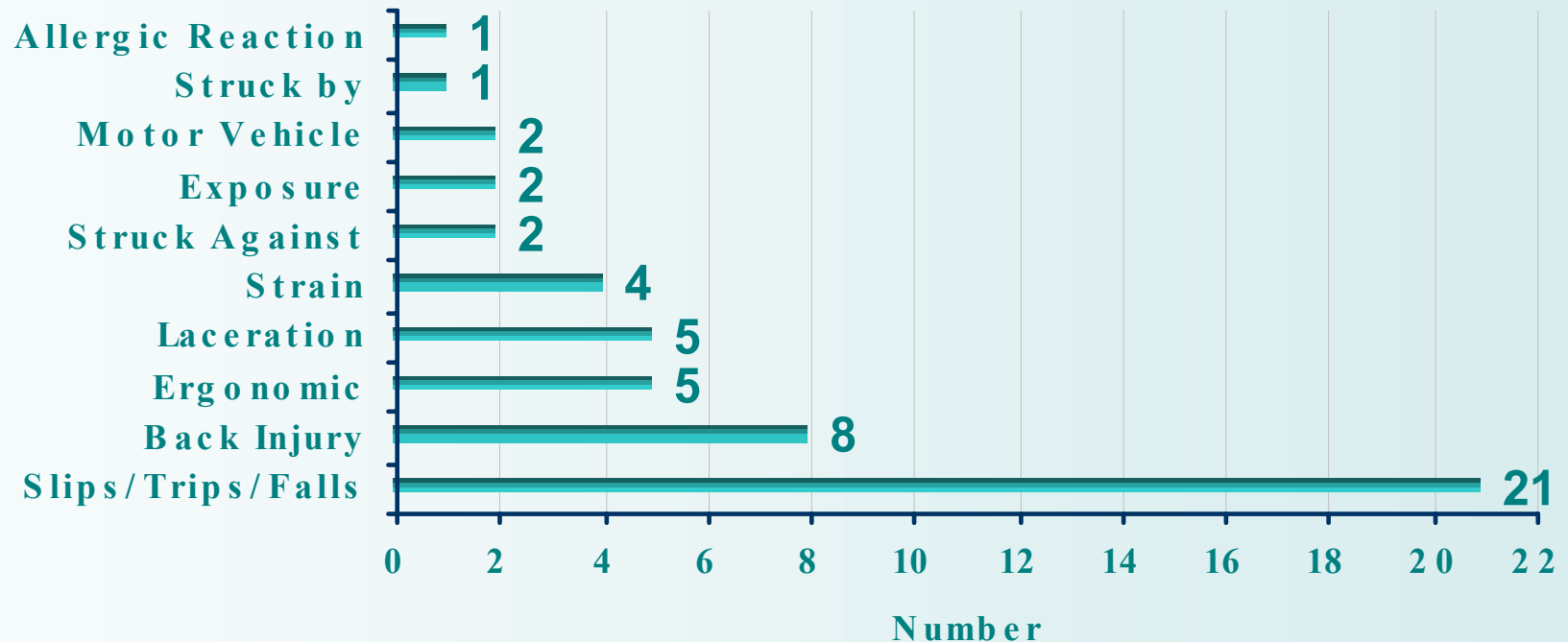
Number of OSHA Recordable Injuries, By Cause



Total number of FY03 OSHA Recordable Injuries = 51

# Types of OSHA Recordable Injuries

Number of OSHA Recordable Injuries, By Type



Total number of FY03 OSHA Recordable Injuries = 51

*Remember to Shape Your SHE Program...Nominate!*